In the Claims: Amend the claims as follows.

1.(currently amended) A device for electrolytically treating electrically conductive structures (S) on surfaces of work pieces (1) the structures (S) being electrically insulated against each other, by using a method comprising continuously conveying the work pieces (1) on a conveying path and in a direction of transport with the structures being electrolytically treated thereby, said device comprising:

a) at least one arrangement, comprising at least one electrode (6, 14) for contacting the work pieces (1) and at least one electrolysis region in a respective one of which at least one counter electrode (4) and the work pieces (1) are in contact with the processing liquid,

characterized in that

- b) the at least one contacting electrode (6, 14) is disposed outside of the at least one electrolysis region and is not in contact with the processing liquid, and
- c) the at least one contacting electrode (6, 14) and the at least one electrolysis region are spaced no more than a few centimeters apart that small electrically conductive structures can electrolytically be treated,

further characterized in that

- d) at least two contacting electrodes (6, 14) are provided, at least one of them being disposed on one side of the electrolysis region and the at least other one on the other side of the electrolysis region.
- e) a contacting electrode washing station rinsing facility disposed adjacent to a contacting electrode (6, 14) from which said contacting electrode (6, 14) is washed or sprayed, and
- f) a cell wall (10) exposed at the exit of an electrolysis region having an opening for the conveying path said opening having sealing members to prevent liquid escape with the work pieces passing by.

2.(previously presented) The device according to claim 1, characterized in that each counter electrode (4) carries an isolation material (13) on its face adjacent the work pieces (1) conveying path, said isolation material (13) covering the entire length of said counter electrode (4) adjacent said work pieces (1) conveying path.

- 3.(cancelled)
- 4.(cancelled)

5.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that it further comprises at least one processing module (M, MI, M2, M3, M4, M5, M6) containing the processing liquid and the at least one counter electrode (4), the work pieces (1) being conveyed there through in a horizontal direction of transport, the at least one processing module (M, MI, M2, M3, M4, M5, M6) comprising, on the entrance and on the exit side thereof respectively, at least one passage for the work pieces (1) to enter and to exit said module and the at least one contacting electrode (6, 14) being disposed on the passages, and characterized in that each contact electrode rinsing facility (R) is capable of intermittent and/or continuous washing or spraying of said contact electrode (6, 14).

6.(previously presented) The device according to any one of claims 1-2, characterized in that it further comprises at least one tank (12) containing the processing liquid and the at least one counter electrode (4) and that the conveying path leads via the surface of the processing liquid into the tank (12), to the at least one counter electrode (4) disposed within the processing liquid and from there, via the surface of the processing liquid again, out of the tank (12), the at least one contacting electrode (6, 14) being disposed on the surface of the processing liquid, and characterized in that each counter electrode (4) is of expanded metal.

7.(previously presented) The device according to claim 6, characterized in that the conveying path repeatedly leads via the surface of the processing liquid into the tank (12), through the liquid and via the surface again out of the tank (12), being thereby turned round by deviating means (18).

8.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that it comprises partition members (21) which comprise passages and sealing members (7, 23) for passage of the work pieces (1), the partition members (21) being disposed between the at east one contacting electrode (6, 14) and the processing liquid, said sealing members (7, 23) being disposed in such a manner that processing liquid can be prevented from coming into contact with the at least one contacting electrode (6, 14).

9.(previously presented) The device according to claim 8, characterized in that the sealing members are selected from the group comprising squeezing rollers (7), sealing lips (23) and scrapers.

10.(previously presented) The device according to claim 8, characterized in that the at least one contacting electrode (6, 14) is secured to the partition walls (24).

11.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that the at least one contacting electrode (6, 14) is selected from the group comprising rollers and brushes (14).

12.(cancelled)

13.(cancelled)

14.(cancelled)

15.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that the conveying path is inclined relative to the horizontal to aid fluid flow to the lateral side border thereof.

16.(cancelled)

17.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that the at least one counter electrode (4) and the at least one contacting electrode (6, 14) are elongate and are oriented substantially parallel to the conveying path and normal to the direction of transport.

18.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that the at least one contacting electrode (6, 14) is cathodically polarized.

19.(original) The device according to claim 18, characterized in that the at least one counter electrode (4) is an insoluble anode.

20.(original) The device according to claim 19, characterized in that the anode (4) is a flood anode.

21.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that the at least one contacting electrode (6, 14) and the at least one counter electrode (4) are disposed on a common carrier frame (5).

- 22.(previously presented) The device according to any one of the preceding claims 1-2, characterized in that it further respectively comprises at least one first and one second storing facility for storing the work pieces (1).
- 23.(original) The device according to claim 22, characterized in that it further comprises conveying members (18, 25) for conveying the work pieces (1) through the device from the at least one first storage facility to the at least one second storage facility.
- 24.(withdrawn previously presented) A method for electrolytically treating electrically conductive structures on surfaces of work pieces (1), the structures being electrically insulated against each other, the method comprising:
- a) continuously conveying the work pieces (1) on a conveying path and in a direction of transport through at least one electrolysis region, said region containing at least one counter electrode (4) and processing liquid, and
- b) bringing the work pieces (1) into contact with at least one contacting electrode (6, 14) outside of the at least one electrolysis region,

characterized in that

- c) the at least one contacting electrode (6, 14) is prevented from contacting the processing liquid, and
- d) the spacing between the at least one contacting electrode (6, 14) and the at least one electrolysis region is adjusted to be so small that small electrically conductive structures can be electrolytically treated,

further characterized in that

- e) the work pieces (1) are at first brought into contact with a contacting electrode (6, 14), are then passed through an electrolysis region and are then brought again into contact with a contacting electrode (6, 14), and
- f) the electrolysis region is chosen to be so short that the electrically conductive structures are in constant electrical contact with one of the contacting electrodes (6, 14) as they are being passed through the electrolysis region.

25.(withdrawn- original) The method according to claim 24, characterized in that electrically conductive structures of 5 cm can electrolytically be treated.

26.(cancelled)

27.(cancelled)

28.(withdrawn - previously presented) The method according to any one of claims 24-25, characterized in that the work pieces (1) are guided in a horizontal direction of transport through at least one electrolysis region contained in a respective one of the processing modules (M, MI, M2, M3, M4, M5, M6), the work pieces (1) being conducted into the module through (M, MI, M2, M3, M4, M5, M6) at least one passage located on the entrance side thereof and being conducted out of said module (M, MI, M2, M3, M4, M5, M6) through at least one passage located on the exit side thereof, said work pieces (1) being electrically contacted by means of at least one contacting electrode (6, 14) prior to entering the module (M, MI, M2, M3, M4, M5, M6) and/or after having exited said module (M, MI, M2, M3, M4, M5, M6).

29.(withdrawn - previously presented) The method according to any one of claims 24-25, characterized in that the work pieces (1) are conducted via the surface of the processing liquid contained in a tank (12), into said tank (12), to the at least one counter electrode (4) disposed in the processing liquid and from there, via the surface of the processing liquid, out of said tank (12) and that the work pieces (I) are electrically contacted by means of at least one contacting electrode (6, 14) prior to being introduced into the liquid and/or after having exited said liquid.

30.(withdrawn - original) The method according to claim 29, characterized in that the work pieces (1) are repeatedly conducted via the surface of the processing liquid into the tank (12), through the liquid and via the surface again out of the tank (12), being thereby turn round by deviating means (18).

31.(withdrawn - previously presented) The method according to any one of claims 24-25, characterized in that an electrically non-conductive ion-permeable coating (13) is mounted between the at least one counter electrode (4) and the work pieces (I).

32.(withdrawn - original) The method according to claim 31, characterized in that the work pieces (1) are conducted so close alongside the non-conductive ion-permeable coating (13) that they touch the work pieces (1),

33.(withdrawn - previously presented) The method according to any one of claims 24-25, characterized in that the conveying path is inclined to the horizontal and that the at least one contacting electrode (6, 14) is continuously or intermittently rinsed.

| 34.(withdrawn - previously presented) | The method according to any one of claims 24- |
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| 25, characterized in that metal is deposited of | onto the work pieces (1). |
| 35.(cancelled) | |
| 36.(cancelled) | |
| 37.(cancelled) | |
| 38.(cancelled) | |
| 39.(cancelled) | |
| 40.(cancelled) | |
| 41.(cancelled) | |
| 42.(cancelled) | |
| 43.(cancelled) | |
| 44.(cancelled) | |
| 45.(cancelled) | |
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| 47.(cancelled) | |
| 48.(cancelled) | |
| 49.(cancelled) 50.(cancelled) | |
| 51.(cancelled) | |
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52.(cancelled)

53.(cancelled)